

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
STEPHEN R. DUNNE et al.	)	Atty. Docket No. 108232
	)	
	)	
ADSORPTION PROCESS FOR	)	
CONTINUOUS PURIFICATION	)	
OF HIGH VALUE GAS FEEDS	)	

**SUBMISSION OF INFORMATION IN ACCORDANCE WITH MPEP 609**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant(s) submit herewith documents which they believe may be material to the examination of this application and with respect to which they believe there may be a duty to disclose the existence and contents thereof. These documents are listed on the attached Information Disclosure Statement by Applicant.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission in any manner.

Copies of all listed documents are:

- ☒ attached hereto with the exception of U.S. patents and published patent applications pursuant to the July 11, 2003 notice entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" signed by Stephen G. Kunin, Deputy Commissioner for Patent Examination Policy.

☐ attached hereto unless provided during the prosecution of the parent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_

☐ now allowed

☐ and issued as U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

Related Applications:

☐ In addition to the documents cited in the specification, applicant wishes to point out copending U.S. application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.

☐ This copending application relates to \_\_\_\_\_  
\_\_\_\_\_.

☐ The inventive entity is the same.

The owner of the above applications is the same.

Initialing of each document after its consideration by the Examiner is now respectfully requested in this matter.

Respectfully submitted,



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Attorney for Applicants  
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Dated: Jan. 12, 2004

MG/gm

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(use as many sheets as necessary)***Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Stephen R. Dunne et al.
Art Unit	
Examiner Name	
Attorney Docket Number	108232

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS		DOCUMENT NUMBER	PUBL. DATE	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US 2,700,537	01/55	Pennington	261	083	06/29/51
		US 2,926,502	03/60	Munters et al.	062	094	07/07/55
		US 2,993,563	07/61	Munters et al.	183	4.6	04/09/58
		US 4,012,206	03/77	Macriss et al.	055	034	10/29/74
		US 4,134,743	01/79	Macriss et al.	055	034	10/29/74
		US 4,324,564	04/82	Oliker	055	020	07/07/80
		US 4,589,892	05/86	Leonard	055	162	12/06/84
		US 4,701,189	10/87	Oliker	055	034	10/22/85
		US 4,775,484	10/88	Schmidt et al.	210	673	03/09/87
		US 5,580,369	12/96	Belding et al.	096	125	01/30/95
		US 5,683,532	11/97	Kuma	156	184	06/30/95
		US 5,685,897	11/97	Belding et al.	096	154	11/06/95
		US 5,758,508	06/98	Belding et al.	062	094	02/05/96
		US 5,788,744	08/98	Klobucar et al.	095	113	11/21/96
		US 5,890,372	04/99	Belding et al.	062	271	06/16/97

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUBCLASS	TRANSLATION _____ YES NO	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER			DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		US 5,891,219	04/99	Klobucar et al.	095	113	01/13/98
		US 6,003,327	12/99	Belding et al.	062	271	11/04/97
		US 6,004,384	12/99	Caudle	096	125	06/03/98
		US 6,018,953	02/00	Belding et al.	062	094	08/27/97
		US 6,050,100	04/00	Belding et al.	062	271	11/04/97
		US 6,080,227	06/00	Kurosawa et al.	096	111	11/04/98
		US 6,183,539 B1	02/01	Rode et al.	095	117	07/01/98
		US 6,199,388 B1	03/01	Fischer, Jr.	062	090	03/10/99
		US 6,231,644 B1	05/01	Jain et al.	095	096	07/23/99
		US 6,328,787 B1	12/01	Yamauchi	095	113	12/22/99
		US 6,355,091 B1	03/02	Felber et al.	095	010	03/06/00
		US 6,361,585 B1	03/02	Anzai et al.	095	113	06/09/00
		US 6,364,943 B1	04/02	Maekawa	096	123	08/03/00
		US 6,406,522 B1	06/02	McFadden et al.	095	113	06/06/00
		US 6,406,523 B1	06/02	Connor et al.	096	125	06/09/00

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		US 6,447,583 B1	09/02	Thelen et al.	096	125	10/30/00
		US 6,478,855 B1	11/02	Okano	095	113	08/29/00
		US 6,488,747 B1	12/02	Keefer et al.	096	125	06/12/00
		US 6,500,236 B2	12/02	Suzuki et al.	095	113	01/19/01
		US 6,514,319 B2	02/03	Keefer et al.	095	101	12/08/00
		US 6,517,610 B1	02/03	de la Houssaye	095	107	11/13/01
		US 6,521,019 B2	02/03	Jain et al.	095	096	01/18/01
		US 6,521,026 B1	02/03	Goto	096	122	10/20/00
		US 6,526,674 B1	03/03	Fielding et al.	034	080	12/09/99
		US 6,527,836 B1	03/03	White, Jr. et al.	096	113	10/30/00
		US 6,527,837 B2	03/03	Kurosawa et al.	096	125	03/13/01
		US 6,530,975 B2	03/03	Rode et al.	095	117	01/19/01
		US 6,533,846 B1	03/03	Keefer et al.	096	125	12/10/01
		US 6,565,635 B2	05/03	Keefer et al.	096	125	09/25/01

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